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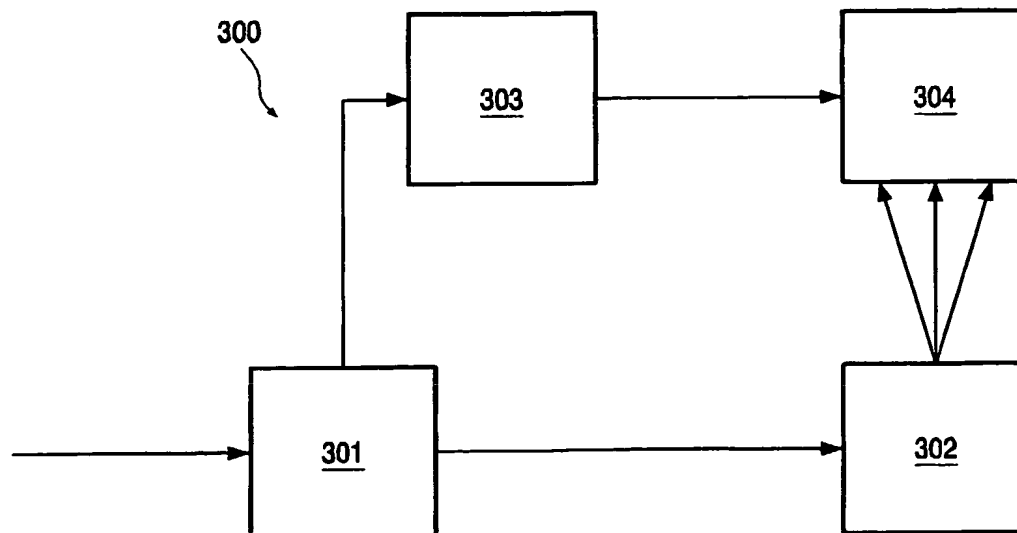
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[Continued on next page]

(54) Title: USING AN ELECTRONIC PAPER-BASED SCREEN TO IMPROVE CONTRAST



(57) Abstract: The invention relates to a projection video system, which comprises a control system for receiving an input video stream. In order to improve the visibility of a projected image so that the projection video system can be satisfactorily used in illuminated rooms, the control system splits the video stream into a first and a second group of image components, 5 and the projection video system further comprises an electronic paper screen system for generating images created by the first group of image components and a projector system for projecting images created from the second group of image components onto the electronic paper screen.



PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 680 222 A (MITSUBISHI ELECTRIC CORP) 2 November 1995 (1995-11-02) column 7, line 3 - column 9, line 45	1,10
A	US 6 329 967 B1 (GIFFORD ERIC A ET AL) 11 December 2001 (2001-12-11) abstract; figure 1	1,10
A	US 5 757 345 A (SHERIDON NICHOLAS K) 26 May 1998 (1998-05-26) abstract; figures 1,13 column 1, line 17 - line 23	1,10

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- * & * document member of the same patent family

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Information on patent family members

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